TCS-2380/64-KH IB-245/64 8 June 1964 Copy # \_/\_

MEMORANDUM TO: Chief, Manufacturing and Services Division, ORR

ATTENTION :

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THROUGH

Chief, Requirements Branch, Reconnaissance Group, CGS

FROM

: Chief, CLA/PID (NPIC)

SUBJECT

Missile Transport Routes

REFERENCES

ORR Requirement No. C-RR4-81,448 CIA/PID Project No. C 896/64

- l. This memorandum is in answer to the above referenced requirement which requested a study of the rail line between Semipalatinsk ( $50^{\circ}24^{\circ}N 80^{\circ}14^{\circ}E$ ) and Tyura Tam Missile Test Center ( $45^{\circ}40^{\circ}N 63^{\circ}18^{\circ}E$ ) for the location and identification of obstructions or bottlenecks which would hinder the shipment of very large space-associated components.
- 2. At the town of Ili (43°53'N 77°11'E), 40 nm NNW of Alma-Ata (43°15'N 76°56'E), the rail line crosses the Ili River by means of a three-span, thru-truss bridge. This rail bridge carries only a single railroad track. Adjacent to the rail bridge at Ili is a two-span, thru-truss highway bridge. Both the rail and road bridges appear to be bottlenecks for the shipment of very large space-associated components. The vertical and horizontal clearances for the rail bridge are respectively. The road bridge has a horizontal clearance and only a vertical clearance.
  - 3. The photography used for this study was:

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4. The analysts on this project were who may be contacted on extension 2546, should you have any further questions concerning this project. This is considered a complete answer to the requirement.

## Declassification Review by NIMA/DOD

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